

EDUCATION STANDARDS AND PRACTICES BOARD  
CONTENT AREA MAJOR EQUIVALENCY ENDORSEMENTS  
SFN 53961

Date:	Name:
Social Security Number:	License Number:

A major equivalency endorsement consists of 32 semester hours for a single content major verified through official transcripts from a state-approved college of teacher education. All major equivalencies must meet North Dakota Teacher Education Program Approval Standards. A major equivalency will not change the level of preparation of the applicant unless completed with a student teaching or clinical practice option.

PHYSICS EDUCATION		
	Content Completed: SH	Content Needed
Minimum of 32 semester hours		
Required:		
• modern physics	:_____	:_____
• mechanics	:_____	:_____
• electricity and magnetism	:_____	:_____
• thermodynamics	:_____	:_____
• optics	:_____	:_____
• electronics	:_____	:_____
• interaction of physics and technology	:_____	:_____
Chemistry, biology, and earth science (minimum of 16 semester hours with at least 4 semester hours in each discipline)	:_____	:_____
	:_____	:_____
Methods of teaching science	:_____	:_____
Mathematics through calculus (2 semesters, including introduction to differential equations), and statistics	:_____	:_____
	:_____	:_____
	:_____	:_____
	:_____	:_____
	:_____	:_____
Total SH	:_____	Total SH :_____

History: November 17, 2003

Effective July 1, 2006